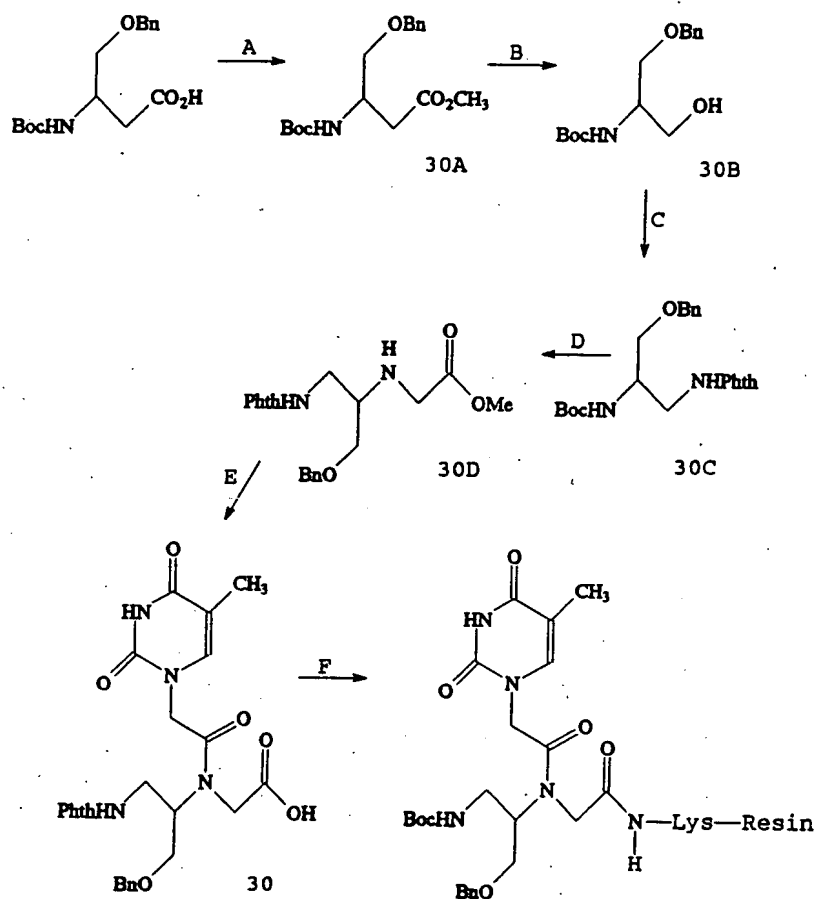


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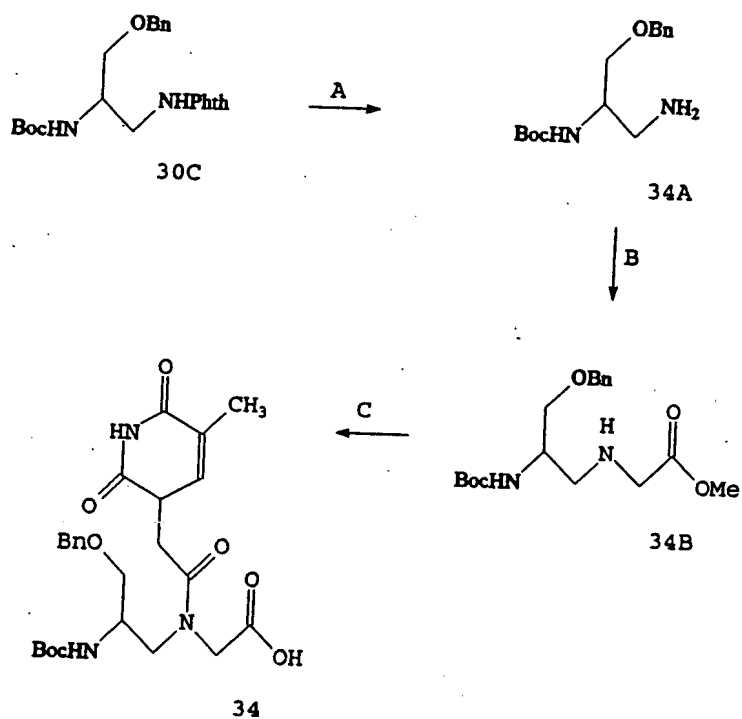


- A. Diazomethane, MeOH
- B. LiBH_4 , MeOH
- C. PPh_3 , Phthalimide, DEAD
- D. TFA, CH_2Cl_2 , NaHCO_3 , Methyl bromoacetate
- E. 1-Thymineacetylchloride
- F. H_2NNH_2 , Boc_2O , NaOH, MBHA Lys resin

Figure 1

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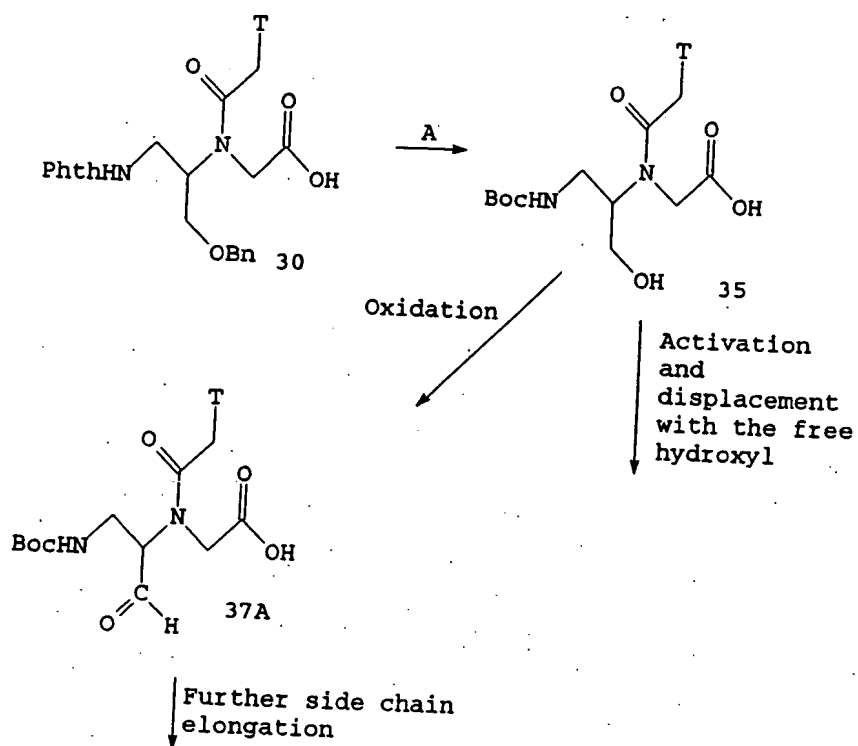


- A. Hydrazine, Ethanol
B. Methyl bromoacetate
C. 1-Thyminylacetylchloride

Figure 2

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A. H_2NNH_2 , $\text{Boc}_2\text{O}/\text{NaOH}$, $\text{LiBH}_4/\text{MeOH}$

Figure 3

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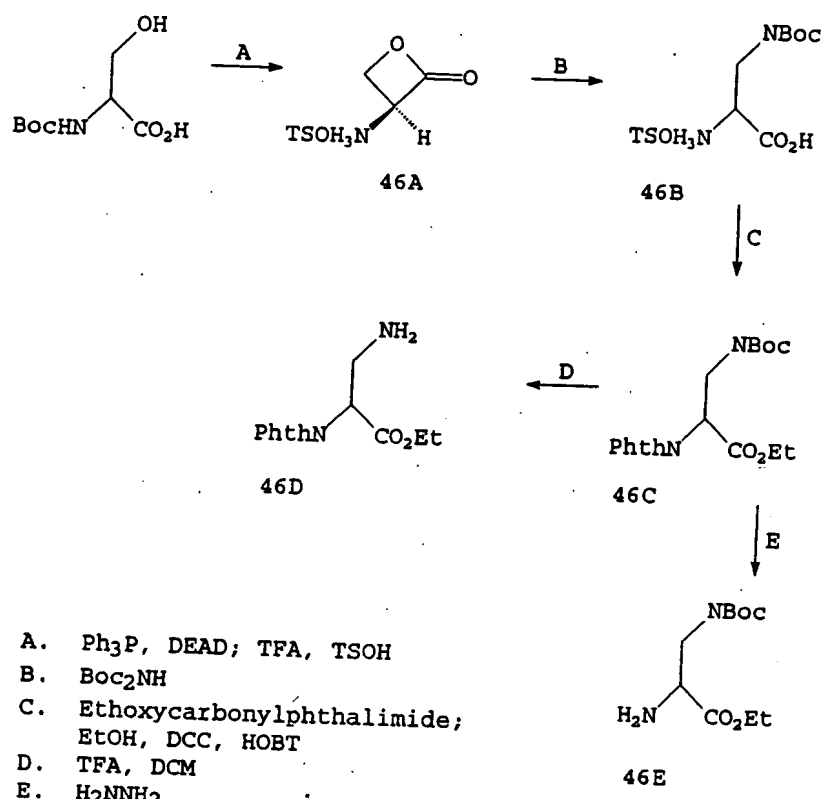
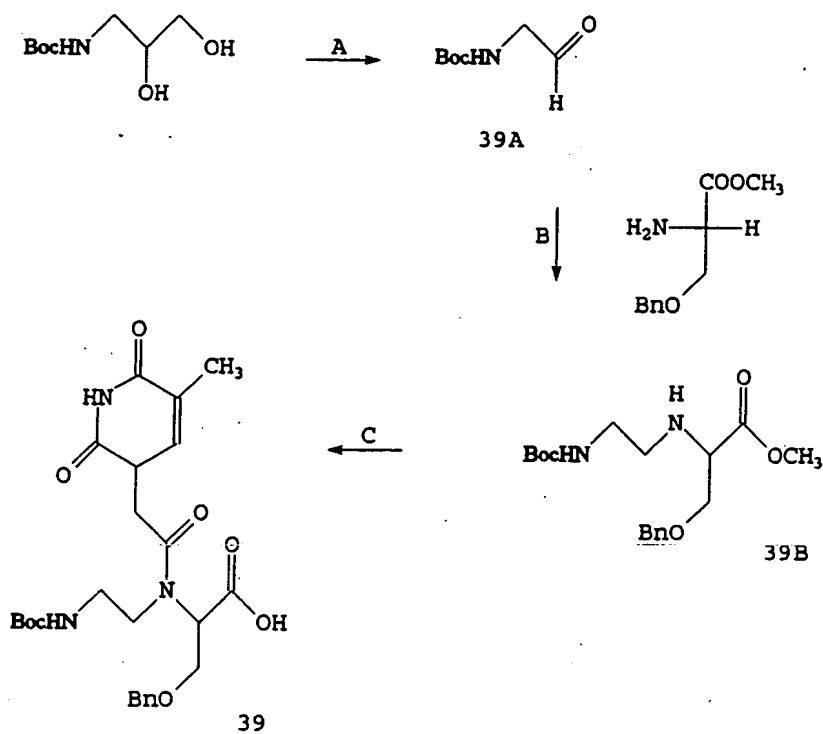


Figure 4

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- A. Potassium m-periodate
B. Glacial acetic acid, Sodium triacetoxyborohydride
C. N-1-Carboxymethylthymine (Compound 3), 1N NaOH

Figure 5

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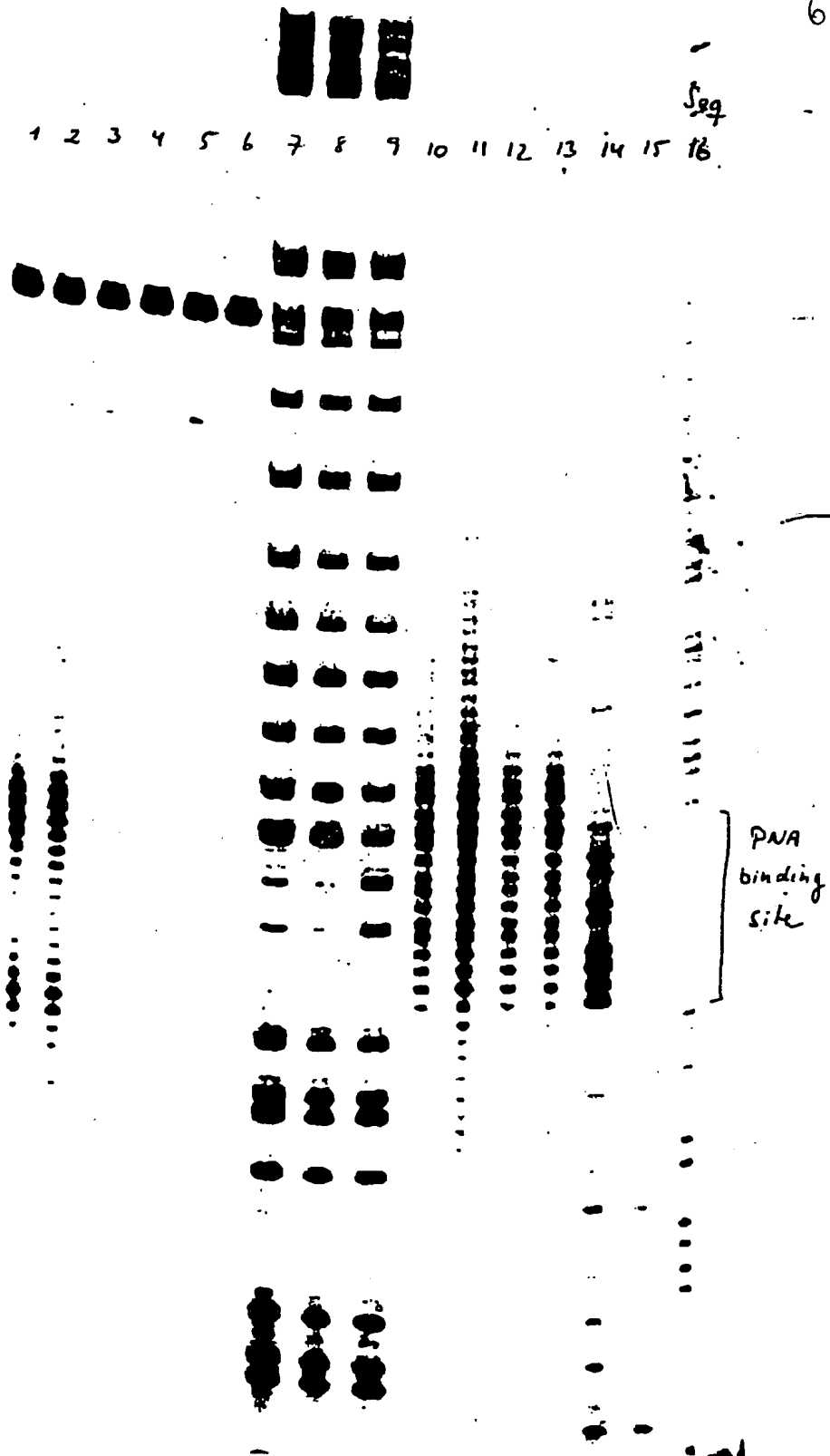


Figure 6